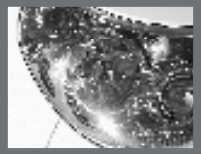
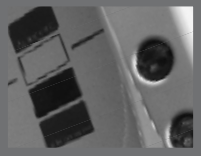
AUTOCRUISE

2008 SPECIFICATION, WIRING DIAGRAMS & BULB CHART





STAR RANGE

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HB092

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SPECIFICATION, WIRING DIAGRAMS & BULB CHART

SPECIFICATIONS - PEUGEOT

TECHNICAL SPECIFICATIONS	Starfire		Stargazer			Startrail		Starblazer SL		Starblazer LL	
Engine Power	100 Hdi	120 Hdi	100 Hdi	120 Hdi	157 Hdi	130 Hdi	157 Hdi	120 Hdi	157 Hdi	120 Hdi	157 Hdi
Engine Capacity	2.2L	2.2L	2.2L	2.2L	3L	2.2L	3L	2.2	3L	2.2L	3L
Chassis	333/335 SWB		335 MWB			335 ALKO		440 ALKO		440 ALKO	
Roof Profile	Low Line		Low Line			Low Line		Low Line		Low Line	
Wheel base	3m/9'10"		3.45m/11'4"			4.04m/13'3"		4.04m/13'3"		4.04m/13'3"	
Designated Passenger Seats	1		1			1		1		1	
Berths (Sleeping Position)	2		2			4		4		4	
Overall Length (No Ladder)	5.77m/18'11"		6.42m/21'1"			7.04m/23'1"		7.39m/24'3"		7.39m/24'3"	
Overall Width (Mirrors Folded)	2.30m/7'7"		2.30m/7'7"			2.30m/7'7"		2.30m/7'7"		2.30m/7'7"	
Overall Height	2.96m/9'9"		2.85m/9'4"			2.65m/8'8"		2.87m/9'5"		3.02m/9'11"	
Maximum Technical Permissible Laden Mass (A)	3300kg/3500kg		3500kg			3500kg		4005kg		4005kg	
Mass in Running Order (B)*	2833kg	2848kg	2989kg	3004kg	3054kg	3026kg	3076kg	3390kg	3440kg	3400kg	3450kg
Maximum User Payload (A-B)	467kg/667kg	452kg/652kg	511kg	496kg	446kg	474kg	424kg	615kg	565kg	605kg	555kg
Unladen Weight	2678kg	2693kg	2834kg	2849kg	2899kg	2871kg	2921kg	3235kg	3285kg	3245kg	3295kg
Essential Habitation Equipment	124kg		139kg			138kg		141kg		141kg	
Thermal Insulation Grade	TWO		TWO			TWO		TWO		TWO	
BED SIZES											
Double Bed Length	2.10m/6'11"		2.10m/6'11"			2.10m/6'11"		2.10m/6'11"		2.10m/6'11"	
Double Bed Width	1.33m/4'4"		1.88m/6'2"			1.17m/3'10"		1.33m/4'4"		1.33m/4'4"	
Seating Near Side Bunk - Day	1.33m/4'4"		1.88m/6'2"			1.17m/3'10"		1.33m/4'4"		1.33m/4'4"	
Seating Off Side Bunk - Day	1.33m/4'4"		1.88m/6'2"			1.17m/3'10"		1.33m/4'4"		1.33m/4'4"	
Near Side Bunk - Night			1.88m/6'2"								
Off Side Bunk - Night			1.88m/6'2"								
Fixed Double Bed Length						1.89m/6'2"		2.08m/6'10"		2.08m/6'10"	
Fixed Double Bed Width						1.31m/4'4"		1.29m/4'3"		1.29m/4'3"	
Fixed Single Bed Length											
Fixed Single Bed Width											

*The Mass in Running Order is the mass of the unladen vehicle including a 75kg allowance for the driver plus engine coolants and 90% of the fuel tank

SPECIFICATION, WIRING DIAGRAMS & BULB CHART

TECHNICAL SPECIFICATIONS	Starspirit			Starburst				Stardream			
Engine Power	100 Hdi	120 Hdi	157 Hdi	100 Hdi	120 Hdi	130 Hdi	157 Hdi	100 Hdi	120 Hdi	130 Hdi	157 Hdi
Engine Capacity	2.2L	2.2L	3L	2.2L	2.2L	2.2L	3L	2.2L	2.2L	2.2L	3L
Chassis	335 MWB			335 ALKO				335 ALKO			
Roof Profile	Low Line			Low Line				Low Line			
Wheel base	3.45m/11'4"			4.14m/13'7"				4.44m/14'7"			
Designated Passenger Seats	1			1				1			
Berths (Sleeping Position)	2			2				2			
Overall Length (No Ladder)	6.42m/21'1"			6.37m/20'11"				6.83m/22'5"			
Overall Width (Mirrors Folded)	2.30m/7'7"			2.30m/7'7"				2.30m/7'7"			
Overall Height	2.83m/9'3"			2.66m/8'9"				2.65m/8'8"			
Maximum Technical Permissible Laden Mass (A)	3500kg			3500kg‡				3500kg‡			
Mass in Running Order (B)*	2980kg	2995kg	3045kg	2842kg	2857kg	2857kg	2907kg	2980kg	2995kg	2995kg	3045kg
Maximum User Payload (A-B)	520kg	505kg	455kg	658kg	643kg	643kg	593kg	520kg	505kg	505kg	455kg
Unladen Weight	2825kg	2840kg	2890kg	2687kg	2702kg	2702kg	2752kg	2825kg	2840kg	2840kg	2890kg
Essential Habitation Equipment	141kg			110kg				144kg			
Thermal Insulation Grade	TWO			TWO				TWO			
BED SIZES											
Double Bed Length	2.10m/6'11"			2.10m/6'11"				2.10m/6'11"			
Double Bed Width	1.89m/6'2"			1.60m/5'3"				1.86m/6'1"			
Seating Near Side Bunk - Day	1.89m/6'2"			1.60m/5'3"				1.86m/6'1"			
Seating Off Side Bunk - Day	1.89m/6'2"			1.75m/5'9"				1.86m/6'1"			
Near Side Bunk - Night	1.89m/6'2"							1.86m/6'1"			
Off Side Bunk - Night	1.89m/6'2"							1.86m/6'1"			
Fixed Double Bed Length											
Fixed Double Bed Width											
Fixed Single Bed Length											
Fixed Single Bed Width											

* The Mass in Running Order is the mass of the unladen vehicle including a 75kg allowance for the driver plus engine coolants and 90% of the fuel tank

‡ For 440 chassis add 50kg to MRO and unladen weight and deduct 50kg from maximum user payload

SPECIFICATIONS - FIAT

TECHNICAL SPECIFICATIONS	Startrail		Starburst		Stardream	
Engine Power	130 MJ	160MJ	130 MJ	160 MJ	130 MJ	160 MJ
Engine Capacity	2.3L	3L	2.3L	3L	2.3L	3L
Chassis	335 ALKO		335 ALKO		335 ALKO	
Roof Profile	Low Line		Low Line		Low Line	
Wheel base	4.04m/13'3"		4.14m/13'7"		4.44m/14'7"	
Designated Passenger Seats	1		1		1	
Berths (Sleeping Position)	4		2		2	
Overall Length (No Ladder)	7.04m/23'1"		6.37m/20'11"		6.83m/22'5"	
Overall Width (Mirrors Folded)	2.30m/7'7"		2.30m/7'7"		2.30m/7'7"	
Overall Height	2.65m/8'8"		2.66m/8'9"		2.65m/8'8"	
Maximum Technical Permissible Laden Mass (A)	3500kg		3500kg		3500kg	
Mass in Running Order (B)*	3026kg	3076kg†	2857kg	2907kg†	2995kg	3045kg†
Maximum User Payload (A-B)	474kg	424kg†	643kg	593kg†	505kg	455kg†
Unladen Weight	2871kg	2921kg†	2702kg	2752kg†	2840kg	2890kg†
Essential Habitation Equipment	138kg		110kg		144kg	
Thermal Insulation Grade	TWO		TWO		TWO	
BED SIZES						
Double Bed Length	2.10m/6'11"		2.10m/6'11"		2.10m/6'11"	
Double Bed Width	1.17m/3'10"		1.60m/5'3"		1.86m/6'1"	
Seating Near Side Bunk - Day	1.17m/3'10"		1.60m/5'3"		1.86m/6'1"	
Seating Off Side Bunk - Day	1.17m/3'10"		1.75m/5'9"		1.86m/6'1"	
Near Side Bunk - Night					1.86m/6'1"	
Off Side Bunk - Night					1.86m/6'1"	
Fixed Double Bed Length	1.89m/6'2"					
Fixed Double Bed Width	1.31m/4'4"					
Fixed Single Bed Length						
Fixed Single Bed Width						

*The Mass in Running Order is the mass of the unladen vehicle including a 75kg allowance for the driver plus engine coolants and 90% of the fuel tank

†For 3L Auto option add 17kg to the Mass in Running Order and Unladen Weight and deduct 17kg from Maximum User Payload.

SPECIFICATION, WIRING DIAGRAMS & BULB CHART

CAPACITIES AND TOWING CAPABILITY

TANK SPECIFICATIONS	Starfire	Stargazer	Starspirit	Starblazer SL	Starblazer LL	Starburst	Stardream	Startrail
Fresh Water Tank (insulated)	94L/20.5gal	111L/24gal	111L/24gal	111L/24gal	111L/24gal	77L/17gal	97L/21gal	88L/19gal
Waste Water Tank	73L/16gal	73L/16gal	73L/16gal	73L/16gal	73L/16gal	73L/16gal	73L/16gal	73L/16gal
Water Heater	10L	10L	10L	10L	10L	10L	12L	10L
Toilet Tank (Flushing)	0	0	0	0	0	8.3L	0	0
Gas Locker Capacity	2x7kg	2x7kg	2x7kg	2x7kg	2x7kg	2x7kg	1x7kg 1x13kg	1x7kg 1x13kg

Notice
For technical data on the base vehicle please refer to manufacturer's handbook

Autocruise Star Range Towing Capabilities	Starfire	Stargazer	Starspirit	Starblazer SL	Starblazer LL	Starburst	Stardream	Startrail
MTPLM	3300kg/3500kg	3500kg	3500kg	4005kg	4005kg	3500kg	3500kg	3500kg
Permissible Front Axle Load	1750kg/1850kg	1850kg	1850kg	2100kg	2100kg	1850kg	1850kg	1850kg
Permissible Rear Axle Load	1900kg/2000kg	2000kg	2000kg	2400kg	2400kg	2000kg	2000kg	2000kg
Recommended Maximum Trailer Weight	1175kg	1105kg	1105kg	1085kg	1085kg	2000kg	2000kg	2000kg
Gross Train Weight	5300kg/5500kg	5500kg	5500kg	6505kg	6505kg	5500kg	5500kg	5500kg

Single axle conversions - Maximum towed trailer mass = 2000kg

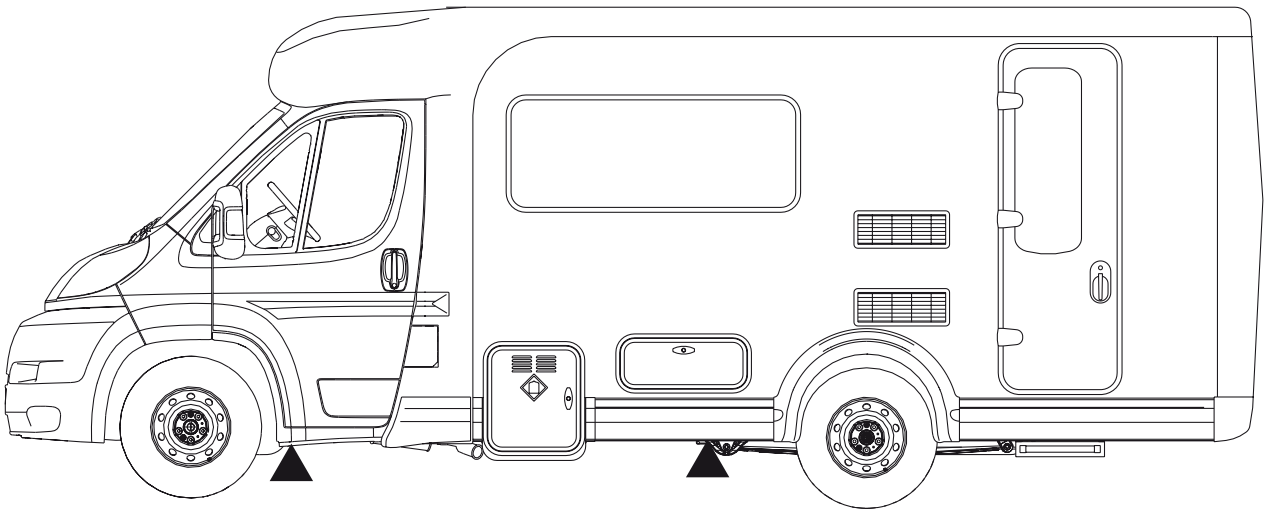
These towing capacities are valid provided the Gross Train Weights as shown on the ALKO conversion plates are not exceeded.

To ensure adequate road holding, the load on the front axle, under all conditions, must not be less than 40% or more than 70% of the total weight.

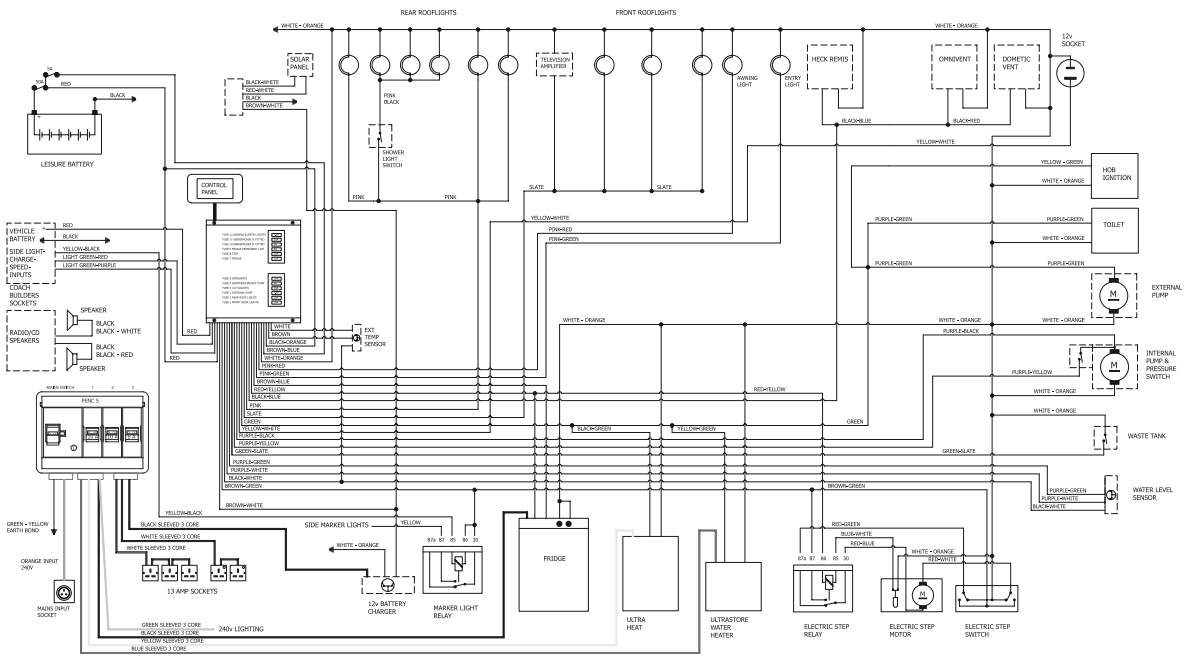
Care must be taken when distributing loads. The loadings above are maximum loadings and must not be exceeded under any circumstances.

CAUTION:
When fitting a towbar, it must meet certain minimum requirements as specified by Type Approval Regulations. The bar will have marked on it the approval standard (94/20/EC) and the maximum download, or noseweight, that it can accept. It must fit the manufacturer's approved mounting points and must not obscure the towing vehicle's number plate.

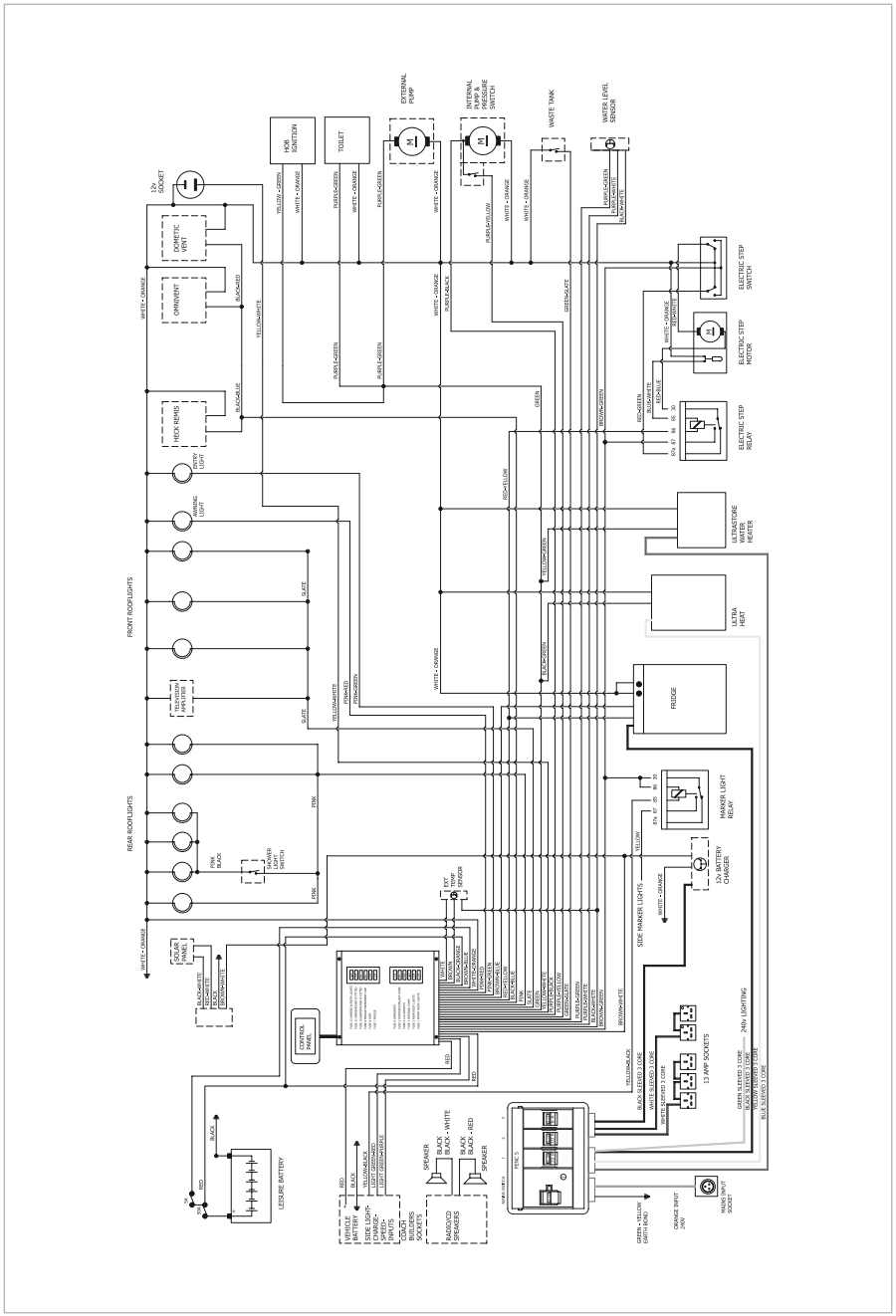
SPECIFICATION, WIRING DIAGRAMS & BULB CHART



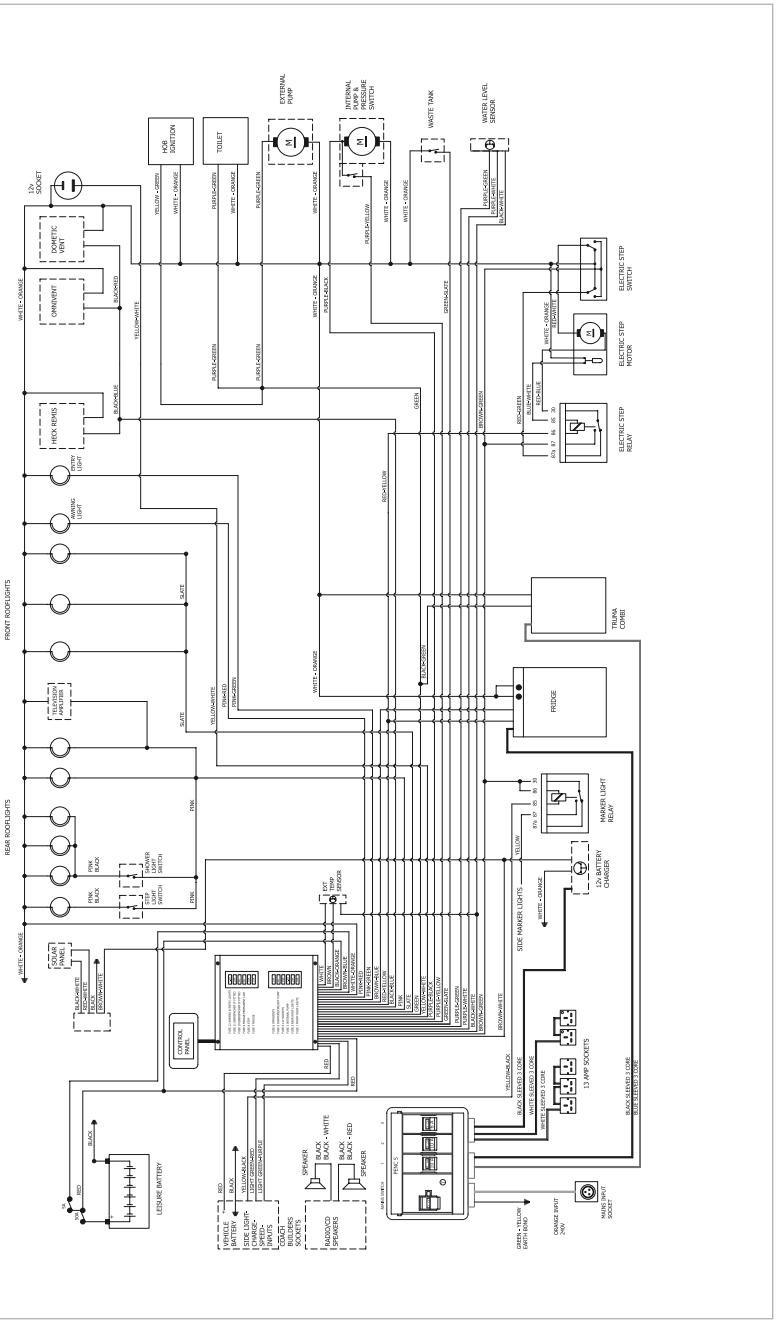
Jacking Points: ▲



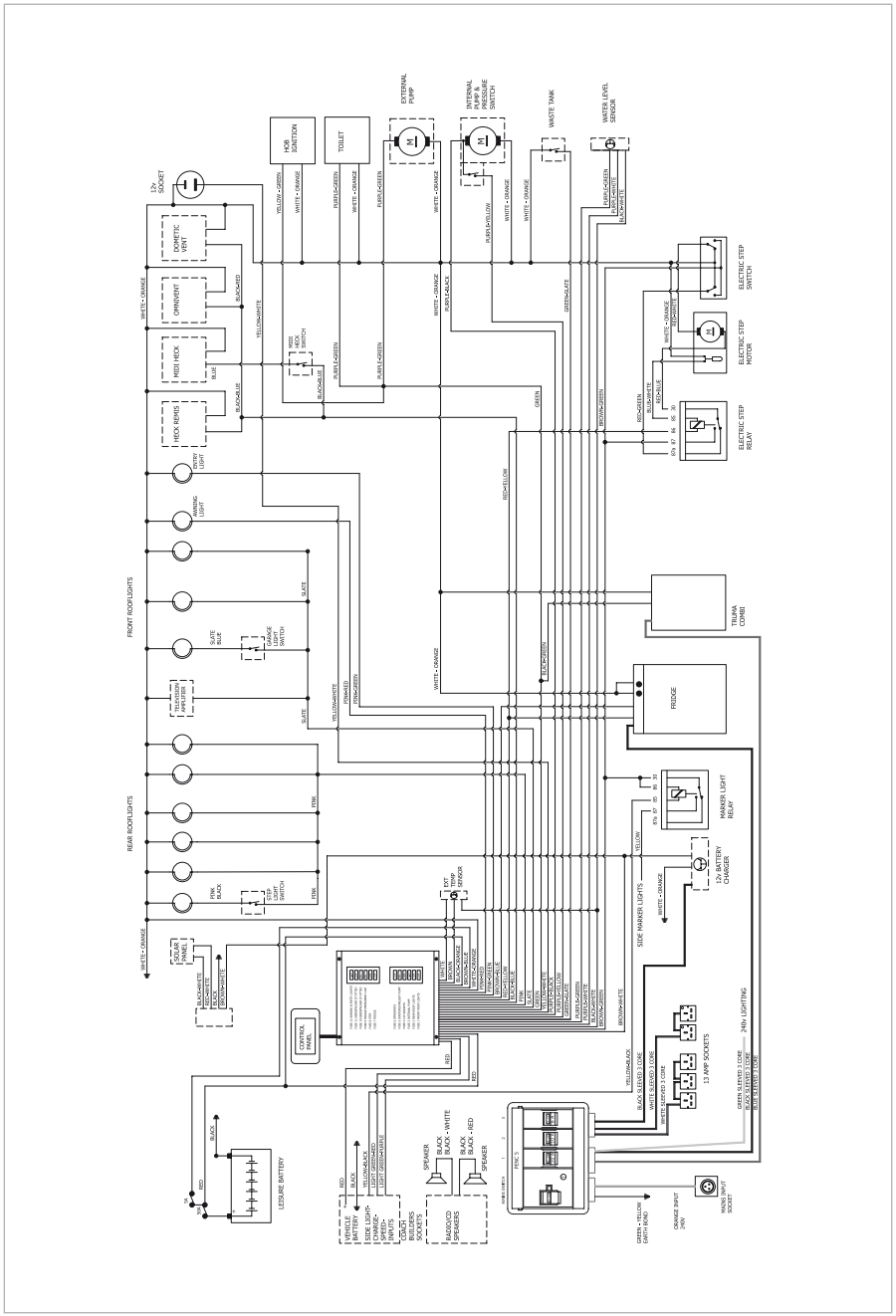
STARGAZER WIRING DIAGRAM



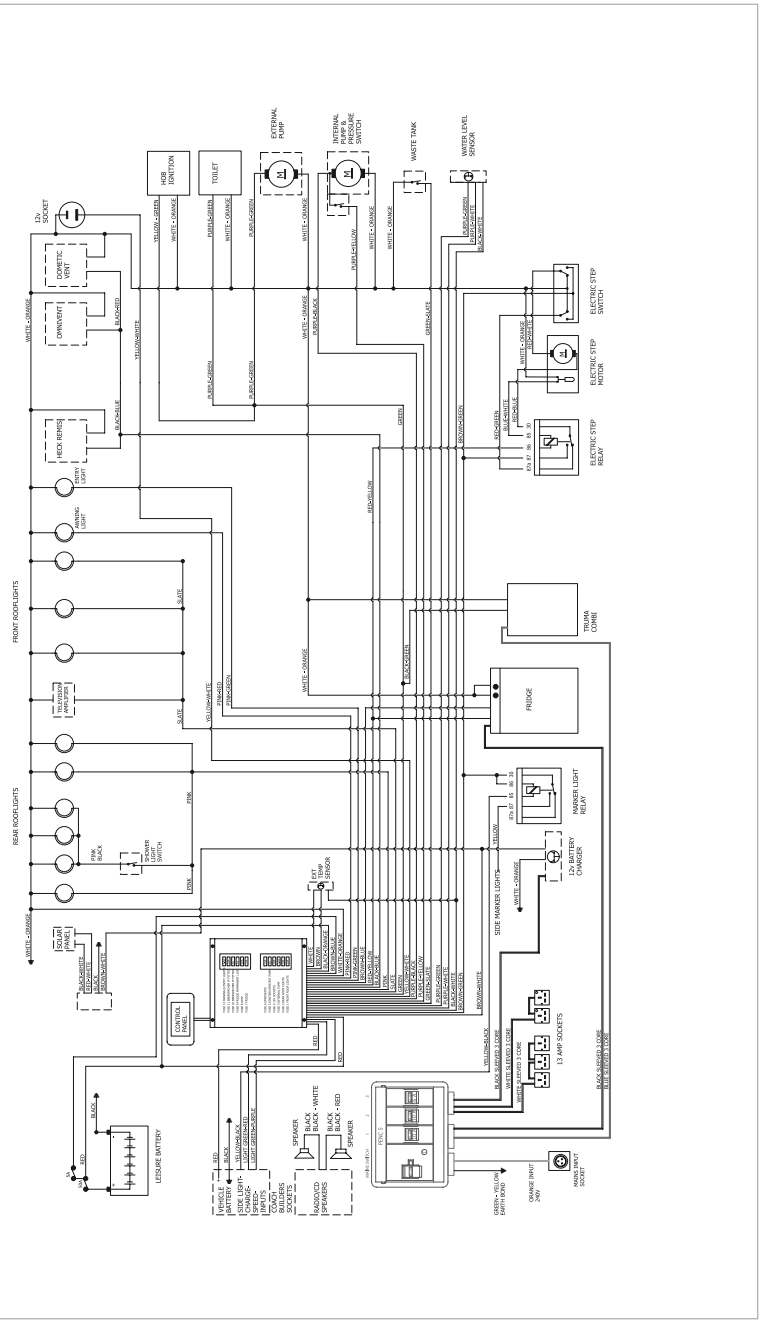
STARSPIRIT WIRING DIAGRAM



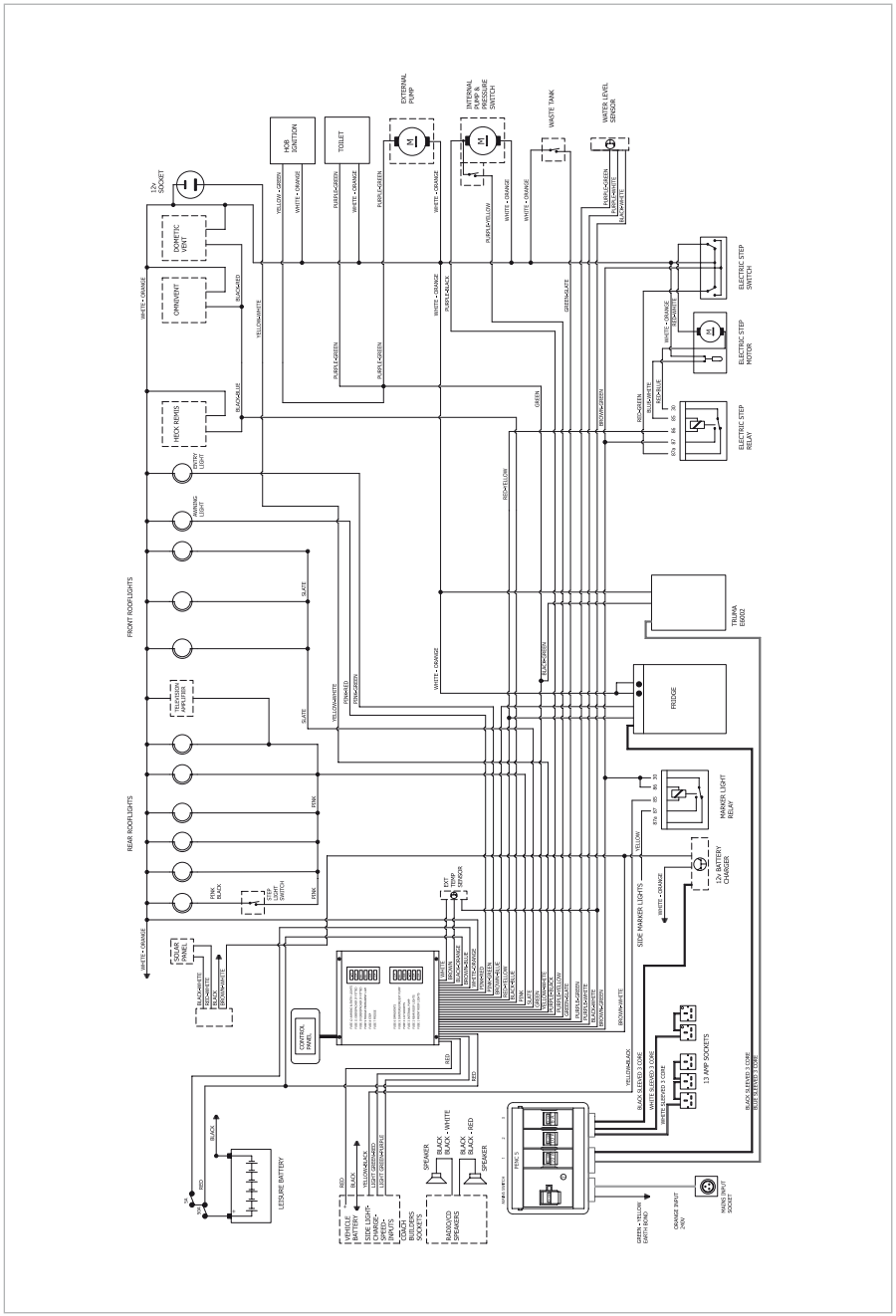
STARBLAZER LL/SL WIRING DIAGRAM



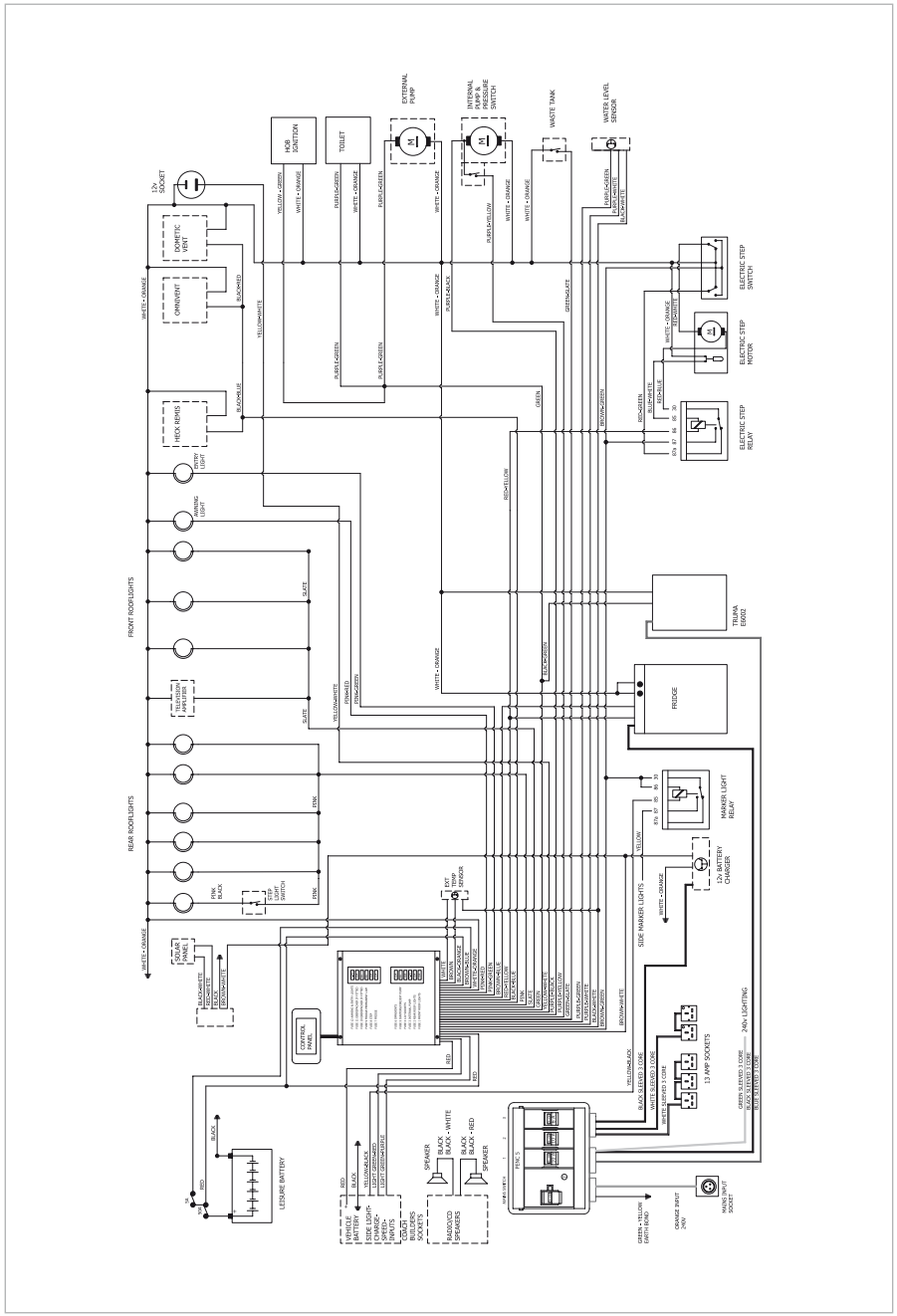
STARBURST WIRING DIAGRAM



STARDREAM WIRING DIAGRAM



STARTRAIL WIRING DIAGRAM



BULB CHART

EXTERIOR LIGHTS	BULB REFERENCE	BULB RATING	PART NO
Front marker lights	LED	LED	ED1329
High level stop lamp	LED	LED	ED1327
Rear high level marker light	LED	LED	ED1328
Rear indicator lamp	P21W	12V 21W	N/A
Rear stop/tail lamp	P21W/5W	12V 21W/5W	N/A
Rear reverse lamp	P21W	12V 21W	N/A
Rear fog lamp	P21W	12V 21W	N/A
Number plate lamp	C5w	12V 5W	N/A
LED awning light	LED	LED	ED 1374

INTERIOR LIGHTS	BULB REFERENCE	BULB RATING	PART NO
Locker spotlights	GU4/MR11	GU4 12V 5W	N/A
Front locker fluorescent lamp	300mm fluorescent tube	12V 8W	N/A
Washroom lights	Halogen capsule	G4 12v 10W	N/A
Entrance step light	Halogen capsule	G4 12v 10W	N/A
Ceiling oval light	Kandolite 9W/840	12V 9W	N/A
Mains Bulkhead lights		230v 25W screw fitment	N/A

12V FUSE IDENTIFICATION

	FUSE 1	
Brown	**10A**	**Slate = front roof lights**
Brown	**10A**	**Pink = rear roof lights**
Brown	**10A**	**Yellow-white = 12v sockets**
Brown	**7.5A**	**Purple = toilet / internal pump**
Brown	**10A**	**Black-red & black-green = omnivents / heater / hob ign**
Brown-green	**15A**	**Red-yellow = fridge**
Brown-green	**20A**	**Brown-green = step**
Brown-green	**5A**	**Brown-green = alarm / display / relay windings**
	FUSE 8	

NOTES

NOTES

SPECIFICATION, WIRING DIAGRAMS & BULB CHART